PTO/SB/21 (08-03) 10/602,556 **Application Number** TRANSMITTAL June 23, 2003 Filing Date FORM First Named Inventor Milliron, Timothy S. (to be used for all correspondence after initial filing) Art Unit 2671 **Examiner Name** Not Yet Assigned 6 Attorney Docket Number Total Number of Pages in This 021751-001610US Submission ENCLOSURES (Check all that apply) After Allowance Communication to Group Fee Transmittal Form ☐ Drawing(s) Appeal Communication to Board of Appeals Licensing-related Papers Fee Attached and Interferences BRITHS GO Appeal Communication to Group (Appeal Petition Amendment/Reply Notice, Brief, Reply Brief) Petition to Convert to a **Proprietary Information** тефтвой фафляет вееруги Крес в вътринд After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address **Terminal Disclaimer** Other Enclosure(s) Extension of Time Request (please identify below): Request for Refund Return Postcard Express Abandonment Request CD, Number of CD(s) Information Disclosure Statement (2 pgs) w/attached PTO/SB/08A (1 pg) and PTO/SB/08B (1 pg) (citing references 1-19) The Commissioner is authorized to charge any additional fees to Deposit Certified Copy of Priority a sceed Tagases Account 20-1430. Remarks Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Townsend and Townsend and Crew LLP Firm Reg. No. 38,575 Stephen Y. Pang Individual Signature Date **CERTIFICATE OF TRANSMISSION/MAILING** hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name **EDWARD MASINAS** Date dward Masmas Signature 11-4-03

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TOWNSEND and TOWNSEND and CREW LLP

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Edward Masinas

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

TIMOTHY S. MILLIRON

Application No.: 10/602,556

Filed: June 23, 2003

For: METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR GEOMETRIC WARPS AND

DEFORMATIONS

Examiner: Not Yet Assigned

Art Unit: 2671

INFORMATION DISCLOSURE

STATEMENT UNDER 37 CFR §1.97 and

§1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/563,660, now US Patent 6,608,631, issued August 19, 2003 (Attorney Docket No. 021751-001600US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

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As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that <u>no fee is required</u> for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Stephen Y. Pang Reg. No. 38,575

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of 2

	Filing Date	June 23, 2003
-	First Named Inventor	Milliron, Timothy S.
	Art Unit	2671
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	021751-001610US

Complete if Known

10/602,556

				U.S. PATENT DO	CUMENTS+	
		Document Number		Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Examiner Initials*	Cite No. ¹	Number Kind Code ² (if known)		MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
	AA	US 5,175,808	Α	12/1992	Sayre	
	AB	US 5,796,400	Α	08/1998	Atkinson et al.	
	AC	US 5,858,452	Α	10/1998	Atkinson et al.	
	AD	US 5,892,691	Α	04/1999	Fowler	
	AE	US 5,995,110	Α	11/1999	Litwinowicz	
	AF	US 6,064,393	Α	05/2000	Lengyel et al.	
	AG	US 6,072,496	Α	06/2000	Guenter et al.	
	AH	US 6,236,403	B1	05/2001	Chaki et al.	
	Al	US 6,271,847	B1	08/2001	Shum et al.	

Application Number

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document		Bublication Data	Name of Patentee or	Pages, Columns, Lines, Where Relevant		
Initials*	No. ¹	Country Code ³	Number ⁴	Kind Code ⁸ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T ⁶
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Examiner Signature	Date Considered	

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Applicant's unique citation designation number (optional).
Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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Complet if Known				
Application Number 10/602,556				
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First Named Inventor	Milliron, Timothy S.			
Art Unit	2671			
Examiner Name	Not Yet Assigned			
Attorney Docket Number	021751-001610US			

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numb publisher, city and/or country where published.		т;
	AJ	BARR, global and Local Deformations of Solid Primitives, Computer Graphics, 18(3), 21-30 (July 1984).	
	AK	BECHMANN, Space Deformation Models Survey, Computers and Graphics, 18(4), 571-586 (1994).	
	AL	BEIER, Thaddeus et al., Feature-Based Image Metamorphosis, Computer Graphics, 26(2), 35-42 (July 1992).	
	AM	BORREL, Simple Constrained Deformations for Geometric Modeling and Interactive Design, ACM Transactions on Graphics, 13(2), 137-155 (Apr. 1994).	
	AN	COHEN-Or et al., Three-Dimensional distance Field Metamorphosis, ACM Transactions on Graphics, 17(2), 116-114 (April 1998).	
	AO	COQUILLART, Extended Free-Form Deformation: A Sculpturing Tool for 3D Geometric Modeling, Computer Graphics, 24(4), 187-196 (August 1990).	
	AP	CORREA et al., Texture Mapping for Cel Animation, Computer Graphics Proceedings, Annual Conference Series, 435-446 (1998).	
	AQ	DECAUDIN, Geometric Deformation by Merging a 3D-Object With a Simple Shape, Graphics Interface '96, 55-60 (1996).	
-	AR	FORSEY et al., Hierarchical B-Spline Refinement, Computer Graphics, 22(4), 206-212 (August 1988).	
	AS	GRIESSMAIR et al., Deformation of Solids with Trivariate B-Splines, Eurographics '89, 137-148 (1989).	

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Signature	,	Considered	

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